

GENERAL CERTIFICATE OF EDUCATION BOARD
Technical and Vocational Education Examination

JUNE 2025

ADVANCED LEVEL

Specialty Name and Acronym	Home Economics – HEC
Subject Title	Natural Science
Subject Code No.	7050
Paper No.	3

Duration: Two Hours

INSTRUCTIONS TO CANDIDATES

This Paper Comprises TWO Questions

Answer ALL

Read carefully through the question paper before answer the questions.

You are reminded of the necessity for good English and orderly presentation in your answers.

Turn Over

1. In the laboratory you are provided with Meat and Cassava.

a) Present the steps you will use to experimentally test for the following:

i) Fats

(12 marks)

ii) Starch

(12 marks)

b) Which of the foods will give a positive test for starch?

(1 mark)

NOTE: Present your results in (a) above following the suitable method below:

Aim

Requirements

Method

Procedure

Observation

Conclusion

TOTAL (25 Marks)

2. In an experiment to demonstrate that light is necessary for photosynthesis, you are provided with the following:

-Potted plant

-Iodine solution

-Opaque or black Carbon paper

-Paper clip and a blade.

Explain and demonstrate using diagrams and using scientific method as indicated in the table below, the steps you will use for the experiment.

AIM	REQUIREMENTS	PROCEDURE	RESULTS	CONCLUSION

TOTAL (25 Marks)